

**Texas Education Agency
Standard Application System (SAS)**

2014-2016 Technology Lending Program Grant

Program authority:	General Appropriations Act, Article III, Rider 8, 83rd Texas Legislature; TEC, Chapter 31, Section 31.021(f) and Chapter 32	FOR TEA USE ONLY Write NOGA ID here: Place date stamp here: <div style="text-align: right; transform: rotate(90deg);"> Received Texas Education Agency 2014 May 12 PM 1:41 Document Control Center </div>
Grant period:	October 1, 2014, to August 31, 2016	
Application deadline:	5:00 p.m. Central Time, May 13, 2014	
Submittal information:	Four complete copies of the application, three with original signature (blue ink preferred), must be received no later than the aforementioned time and date at this address: <div style="text-align: center;"> Document Control Center, Division of Grants Administration Texas Education Agency 1701 North Congress Ave Austin TX 78701-1494 </div>	
Contact information:	Kathy Ferguson: techlending@tea.state.tx.us; (512) 463-9400	

Schedule #1—General Information

Part 1: Applicant Information

Organization name	County-District #	Campus name/#	Amendment #
Aldine ISD	101-902	Aldine ISD	
Vendor ID #	ESC Region #	US Congressional District #	DUNS #
74-6001110	4	29,18	073898017
Mailing address		City	State ZIP Code
14910 Aldine Westfield		Houston	TX 77032

Primary Contact

First name	M.I.	Last name	Title
LaKiesha	R	Taylor	District Coordinator of Online Learning
Telephone #	Email address		FAX #
281-878-1588	lrtaylor@aldine.k12.tx.us		281-878-1592

Secondary Contact

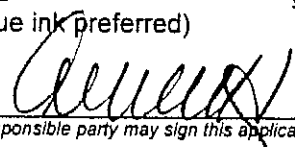
First name	M.I.	Last name	Title
Erin	R	McPheters	Coordinator of Online Learning
Telephone #	Email address		FAX #
281-878-1587	ermcpheters@aldine.k12.tx.us		281-878-1592

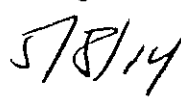
Part 2: Certification and Incorporation

I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I further certify that any ensuing program and activity will be conducted in accordance with all applicable federal and state laws and regulations, application guidelines and instructions, the general provisions and assurances, debarment and suspension certification, lobbying certification requirements, special provisions and assurances, and the schedules attached as applicable. **It is understood by the applicant that this application constitutes an offer and, if accepted by the Agency or renegotiated to acceptance, will form a binding agreement.**

Authorized Official:

First name	M.I.	Last name	Title
Anne-Marie		Hazzan	Asst. Superintendent of Finance
Telephone #	Email address		FAX #
281-985-6222	ahazzan@aldine.k12.tx.us		281-985-7273
Signature (blue ink preferred)		Date signed	


 Only the legally responsible party may sign this application.


 5/8/14

701-14-107-088

Schedule #1—General Information (cont.)

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Part 3: Schedules Required for New or Amended Applications

An X in the "New" column indicates a required schedule that must be submitted as part of any new application. The applicant must mark the "New" checkbox for each additional schedule submitted to complete the application.

For amended applications, the applicant must mark the "Amended" checkbox for each schedule being submitted as part of the amendment.

Schedule #	Schedule Name	Application Type	
		New	Amended
1	General Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Required Attachments and Provisions and Assurances	<input checked="" type="checkbox"/>	N/A
4	Request for Amendment	N/A	<input checked="" type="checkbox"/>
5	Program Executive Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Program Budget Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	Professional and Contracted Services (6200)	<input type="checkbox"/>	<input type="checkbox"/>
9	Supplies and Materials (6300)	<input type="checkbox"/>	<input type="checkbox"/>
10	Other Operating Costs (6400)	<input type="checkbox"/>	<input type="checkbox"/>
11	Capital Outlay (6600/15XX)	<input type="checkbox"/>	<input type="checkbox"/>
12	Demographics and Participants to Be Served with Grant Funds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Needs Assessment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15	Project Evaluation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	Responses to Statutory Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17	Responses to TEA Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Part 1: Required Attachments

The following table lists the fiscal-related and program-related documents that are required to be submitted with the application (attached to the back of each copy, as an appendix).

#	Applicant Type	Name of Required Fiscal-Related Attachment
No fiscal-related attachments are required for this grant.		
#	Name of Required Program-Related Attachment	Description of Required Program-Related Attachment
No program-related attachments are required for this grant.		

Part 2: Acceptance and Compliance

By marking an X in each of the boxes below, the authorized official who signs Schedule #1—General Information certifies his or her acceptance of and compliance with all of the following guidelines, provisions, and assurances.

Note that provisions and assurances specific to this program are listed separately, in Part 3 of this schedule, and require a separate certification.

X	Acceptance and Compliance
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the General and Fiscal Guidelines.
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the program guidelines for this grant.
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with all General Provisions and Assurances requirements.
<input checked="" type="checkbox"/>	I certify that I am not debarred or suspended. I also certify my acceptance of and compliance with all Debarment and Suspension Certification requirements.

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Part 3: Program-Specific Provisions and Assurances☒ I certify my acceptance of and compliance with all program-specific provisions and assurances listed below.

#	Provision/Assurance
1.	The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
2.	The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
3.	The applicant assures that funds provided under the Instructional Materials Allotment (IMA) or other funding are insufficient to purchase enough lending technology for every student who needs dedicated access to a device.
4.	The applicant assures that it will provide access to lending technology and residential access to the Internet for students, including economically disadvantaged students and students with disabilities, who do not already have either the needed equipment or Internet service for learning at home.
5.	The applicant understands that equipment purchased with Technology Lending Program Grant funds is the property of the district or charter school.
6.	The applicant assures that infrastructure and technical support are adequate to support students' use of loaned equipment provided through the grant at its participating campus (es).
7.	The applicant assures that it will provide adequate staff to administer the program and ensure successful implementation.
8.	The applicant assures that it will account for the technology lending equipment in accordance with district policy for accounting for such equipment, including providing insurance when insurance is typically provided for such equipment. The applicant understands that the grant funds cannot be used to replace lost, stolen, or damaged equipment.
9.	The applicant assures that it will obtain a Technology Lending Agreement signed by the parents/guardian of each participating student and by the student participating in the program, including an assurance of student's mastery of the grade-appropriate Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills.
10.	The applicant assures that it has an approved 2013-2014 district technology plan on file with TEA. The applicant understands that if an approved 2013-2014 district technology plan is not on file with TEA at the time the applications is submitted to TEA on the application due date, the application is not eligible to be funded.
11.	The applicants assures that it is at Developing or higher Level of Progress in Teaching and Learning and in Educator Preparation in their Texas Campus School Technology and Readiness (STaR Chart) report for the 2012-2013 school year.
11.	The applicant assures that technology lending and use of electronic instructional materials are incorporated into school district or open-enrollment charter school's technology plan.
12.	The applicant assures that appropriate professional development has already been provided for teachers in the use of digital content or that appropriate professional development will be provided within the first three months of the grant period (i.e., October 1, 2014-December 31, 2014) to be prepared for the grant implementation.
13.	The applicant assures that a minimum of 50% of the funds awarded will be spent within the first four months of the grant period (i.e., October 1, 2014-February 1, 2015), and that 100% of the funds will be expended no later than the end of the 1 st year of the grant period (i.e. August 31, 2015) to ensure full program implementation through August 31, 2016.
14.	The applicant agrees to collect and report the data for the performance measures stated in the Program Guidelines under Program Evaluation. The applicant assures it will develop appropriate systems and processes to collect and report the required data.

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Schedule #4—Request for Amendment

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Part 1: Submitting an Amendment

This schedule is used to amend a grant application that has been approved by TEA and issued a Notice of Grant Award (NOGA). **Do not submit this schedule with the original grant application.** Refer to the instructions to this schedule for information on what schedules must be submitted with an amendment.

An amendment may be submitted by mail **or** by fax. Do not submit the same amendment by both methods. Amendments submitted via email will not be accepted.

If the amendment is mailed, submit three copies of each schedule pertinent to the amendment to the following address: Document Control Center, Division of Grants Administration, Texas Education Agency, 1701 N. Congress Ave., Austin TX 78701-1494.

If the amendment is faxed, submit one copy of each schedule pertinent to the amendment to either of the following fax numbers: (512) 463-9811 or (512) 463-7915.

The last day to submit an amendment to TEA is listed on the [TEA Grant Opportunities](#) page. An amendment is effective on the day TEA receives it in substantially approvable form. All amendments are subject to review and approval by TEA.

Part 2: When an Amendment Is Required

For all grants, regardless of dollar amount, prior written approval is required to make certain changes to the application. Refer to the "When to Amend" guidance posted in the Amendments section of the Division of Grants Administration [Grant Management Resources](#) page to determine when an amendment is required for this grant. Use that guidance to complete Part 3 and Part 4 of this schedule.

Part 3: Revised Budget

			A	B	C	D
#	Schedule #	Class/ Object Code	Grand Total from Previously Approved Budget	Amount Deleted	Amount Added	New Grand Total
2.	Schedule #8: Contracted Services	6200	\$	\$	\$	\$
3.	Schedule #9: Supplies and Materials	6300	\$	\$	\$	\$
4.	Schedule #10: Other Operating Costs	6400	\$	\$	\$	\$
5.	Schedule #11: Capital Outlay	6600/ 15XX	\$	\$	\$	\$
6.	Total direct costs:		\$	\$	\$	\$
7.	Indirect cost (%):		\$	\$	\$	\$
8.	Total costs:		\$	\$	\$	\$

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Schedule #4—Request for Amendment (cont.)

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Part 4: Amendment Justification

Line #	# of Schedule Being Amended	Description of Change	Reason for Change
1.			
2.			
3.			
4.			
5.			
6.			
7.			

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Schedule #5—Program Executive Summary

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

Aldine ISD seeks to expand their 2012-2014 mobile device program for high school science. Currently, with the financial resources of The Aldine Education Foundation, this program has allowed 72 high school science teachers to utilize classroom sets of 30-36 Android tablets or Chrome books throughout the school day. All high school science teachers were provided over 242 hours of professional development in technology integration, online programs and blended learning approaches throughout the 2013/2014 school year. The staff development also assisted the teachers in creating engaging online courses using the district's learning management system. The subjects taught by these teachers are IPC, Biology, Chemistry, Physics and Environmental Systems in grades 9-12. Course participants were engaged in hands-on activities, discussions, and written reflections concerning project-based learning. The data gathered from this program proved that students were much more engaged in the classroom using tablets and Chrome books on a daily basis, therefore, their assessment scores were 18% better than the previous year pilot program. After being awarded the Technology Lending Grant 2012-2013, we recognized that providing WiFi and internet enabled devices to our students at home leads to an even greater increase in standardized and benchmark test scores, but lack the local financial resources to continue internet connectivity beyond the boundaries of the students' home campus. Utilizing the previously purchased equipment, Aldine will continue to provide Wi-Fi enabled devices to students who have access to an internet connection either at home, a local business, or a public library.

Upon notice of grant award, Aldine ISD will use the funds from the Lending Grant to expand this program in year 4 by adding a total of 120 Chrome books with internet connectivity to 5 high school campuses where the teachers will continue to use existing tablets and Chrome books within their classrooms. These additional internet capable Chrome books will allow the students the opportunity to extend their learning outside of the traditional classroom and into their homes. These Chrome books will be checked out to the students who do not have computers or live near safe, public or private, WiFi access points. The existing tablets and Lenovo devices will be checked out to students who have a means to access the internet from home or near home. The participating students will all be determined through individual surveys, and represent a sample population of all student subgroups including economically disadvantaged, and students with disabilities. Students will use the existing technology check out policy and procedures which have been in place since 2008. Aldine ISD's participating campuses are ranked as Developing Tech or Advanced Tech on STaR Chart assessments. Aldine ISD uses the Texas STaR Chart as a means of measuring the level of technology in the district. The Aldine 2011-2015 Technology Plan includes a detailed assessment of the educational technology needs in the district. Although the district continues to be ranked overall at Level 3, Advanced Tech for all areas, there is a continued movement towards Level 4 Target Tech.

Aldine understands that implementation of an existing program with fidelity is imperative to the success of the program. The experience needed to implement a successful program is found in the Online Learning Department, Technology Services Department, as well as the Curriculum and Instruction Department. With these departments working together, combining the support of campus and district level personnel, past evidence proves that Aldine ISD is committed to excellence. Aldine ISD has delivered online courses to its students since participating in TEA's VSP in 2000. Since that time, Aldine has forged ahead creating more than 60 online courses for use in their online campus labs as well as with their virtual school where students earned 7,200 half credits in the 2012-2013 school year. Aldine has also incorporated a successful laptop checkout program where 200 mini HP laptops have been distributed across the high school campuses since 2008. Additionally, Aldine has successfully implementing the Technology Lending Grant in 2012/2013 leading to overall homework and benchmark score increases of 6%-12% across all selected campuses. These areas of successful experience prove that Aldine ISD will implement and deliver a successful Chrome Book Lending Program.

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By TEA staff person:

Schedule #5—Program Executive Summary (cont.)

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

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Schedule #6—Program Budget Summary

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Program authority: General Appropriations Act, Article III, Rider 8, 83rd Texas Legislature; Texas Education Code, Chapter 31, Section 31.021(f) and Chapter 32

Grant period: October 1, 2014, to August 31, 2016

Fund code: 410

Budget Summary

Schedule #	Title	Class/ Object Code	Program Cost	Admin Cost	Total Budgeted Cost	
Schedule #8	Professional and Contracted Services (6200)	6200	\$89,640.00	\$0	\$89,640.00	
Schedule #9	Supplies and Materials (6300)	6300	\$5,319.60	\$0	\$5,319.60	
Schedule #10	Other Operating Costs (6400)	6400	\$5,040.00	\$0	\$5,040.00	
Schedule #11	Capital Outlay (6600/15XX)	6600/ 15XX	\$0	\$0	\$0	
Total direct costs:			\$99,999.60	\$0	\$99,999.60	
Percentage% indirect costs (see note):			N/A	\$0	\$0	
Grand total of budgeted costs (add all entries in each column):			\$99,999.60	\$0	\$99,999.60	

Administrative Cost Calculation

Enter the total grant amount requested:

\$99,999.60

Percentage limit on administrative costs established for the program (15%):

× .15

Multiply and round down to the nearest whole dollar. Enter the result.

\$14,999

This is the maximum amount allowable for administrative costs, including indirect costs:

NOTE: Indirect costs are calculated and reimbursed based on actual expenditures when reported in the expenditure reporting system, regardless of the amount budgeted and approved in the grant application. If indirect costs are claimed, they are part of the total grant award amount. They are not in addition to the grant award amount.

Indirect costs are not required to be budgeted in the grant application in order to be charged to the grant. Do not submit an amendment solely for the purpose of budgeting indirect costs.

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Schedule #8—Professional and Contracted Services (6200)

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

NOTE: Specifying an individual vendor in a grant application does not meet the applicable requirements for sole-source providers. TEA's approval of such grant applications does not constitute approval of a sole-source provider.

Expense Item Description		Grant Amount Budgeted		
6269	Rental or lease of buildings, space in buildings, or land Specify purpose:	\$0		
6299	Contracted publication and printing costs (specific approval required only for nonprofits) Specify purpose:	\$0		
62XX	ESC charges as per approved cost allocation plan, such as internal service fund. To be completed by ESC only when ESC is the applicant. Check all that apply:	\$0		
<input type="checkbox"/>	Salaries/benefits		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Networking (LAN)		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Computer/office equipment lease		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Building use		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Copier/duplication services		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Telephone		<input type="checkbox"/>	Other:
<input type="checkbox"/>	Administrative		<input type="checkbox"/>	Other:
a. Subtotal of professional and contracted services (6200) costs requiring specific approval:		\$0		

Professional Services, Contracted Services, or Subgrants Less Than \$10,000

#	Description of Service and Purpose	Check If Subgrant	Grant Amount Budgeted
1		<input type="checkbox"/>	\$0
2		<input type="checkbox"/>	\$0
3		<input type="checkbox"/>	\$0
4		<input type="checkbox"/>	\$0
5		<input type="checkbox"/>	\$0
6		<input type="checkbox"/>	\$0
7		<input type="checkbox"/>	\$0
8		<input type="checkbox"/>	\$0
9		<input type="checkbox"/>	\$0
10		<input type="checkbox"/>	\$0
b. Subtotal of professional services, contracted services, or subgrants less than \$10,000:			\$0

Professional Services, Contracted Services, or Subgrants Greater Than or Equal to \$10,000

Specify topic/purpose/service: Internet Service		<input type="checkbox"/> Yes, this is a subgrant
Describe topic/purpose/service: Internet service for 120 Chrome Books		
Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
1	Contractor's payroll costs # of positions: 0	\$0
	Contractor's subgrants, subcontracts, subcontracted services	\$89640.00
	Contractor's supplies and materials	\$0
	Contractor's other operating costs	\$0
	Contractor's capital outlay (allowable for subgrants only)	\$0
Total budget:		\$89640.00

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Schedule #8—Professional and Contracted Services (6200)

County-District Number or Vendor ID: 101-902

Amendment number (for amendments only):

Professional Services, Contracted Services, or Subgrants Greater Than or Equal to \$10,000 (cont.)

2	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions: 0	\$0
	Contractor's subgrants, subcontracts, subcontracted services		\$0
	Contractor's supplies and materials		\$0
	Contractor's other operating costs		\$0
	Contractor's capital outlay (allowable for subgrants only)		\$0
Total budget:		\$0	
3	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$0
	Contractor's subgrants, subcontracts, subcontracted services		\$0
	Contractor's supplies and materials		\$0
	Contractor's other operating costs		\$0
	Contractor's capital outlay (allowable for subgrants only)		\$0
Total budget:		\$0	
4	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$0
	Contractor's subgrants, subcontracts, subcontracted services		\$0
	Contractor's supplies and materials		\$0
	Contractor's other operating costs		\$0
	Contractor's capital outlay (allowable for subgrants only)		\$0
Total budget:		\$0	
5	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$0
	Contractor's subgrants, subcontracts, subcontracted services		\$0
	Contractor's supplies and materials		\$0
	Contractor's other operating costs		\$0
	Contractor's capital outlay (allowable for subgrants only)		\$0
Total budget:		\$0	

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Schedule #8—Professional and Contracted Services (6200)			
County-District Number or Vendor ID: 101-902		Amendment number (for amendments only):	
Professional Services, Contracted Services, or Subgrants Greater Than or Equal to \$10,000 (cont.)			
6	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$0
	Contractor's subgrants, subcontracts, subcontracted services		\$0
	Contractor's supplies and materials		\$0
	Contractor's other operating costs		\$0
	Contractor's capital outlay (allowable for subgrants only)		\$0
Total budget:		\$0	
7	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$0
	Contractor's subgrants, subcontracts, subcontracted services		\$0
	Contractor's supplies and materials		\$0
	Contractor's other operating costs		\$0
	Contractor's capital outlay (allowable for subgrants only)		\$0
Total budget:		\$0	
8	Specify topic/purpose/service:		<input type="checkbox"/> Yes, this is a subgrant
	Describe topic/purpose/service:		
	Contractor's Cost Breakdown of Service to Be Provided		Grant Amount Budgeted
	Contractor's payroll costs	# of positions:	\$0
	Contractor's subgrants, subcontracts, subcontracted services		\$0
	Contractor's supplies and materials		\$0
	Contractor's other operating costs		\$0
	Contractor's capital outlay (allowable for subgrants only)		\$0
Total budget:		\$0	
c. Subtotal of professional services, contracted services, and subgrants greater than or equal to \$10,000:		\$0	
a. Subtotal of professional services, contracted services, and subgrant costs requiring specific approval:		\$0	
b. Subtotal of professional services, contracted services, or subgrants less than \$10,000:		\$0	
c. Subtotal of professional services, contracted services, and subgrants greater than or equal to \$10,000:		\$89640.00	
d. Remaining 6200—Professional services, contracted services, or subgrants that do not require specific approval:		\$0	
(Sum of lines a, b, c, and d) Grand total		\$89640.00	

For a list of unallowable costs and costs that do not require specific approval, see the guidance posted on the Division of Grants Administration [Grant Management Resources](#) page.

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Schedule #9—Supplies and Materials (6300)

County-District Number or Vendor ID: 101-902

Amendment number (for amendments only):

Expense Item Description

63XX	ESC charges as per approved cost allocation plan, such as internal service fund. To be completed by ESC only when ESC is the applicant. Check all that apply:					Grant Amount Budgeted		
	<input type="checkbox"/>	Print shop fees	<input checked="" type="checkbox"/>	Technology-related supplies (cases)				
	<input type="checkbox"/>	Postage	<input type="checkbox"/>	Other:				
	<input type="checkbox"/>	Copy paper	<input type="checkbox"/>	Other:				
6399	Technology Hardware—Not Capitalized						Grant Amount Budgeted	
	#	Type	Purpose	Quantity	Unit Cost			
	1	Chrome Books	Lending technology hardware	120	\$25	\$3000		
	2				\$			
	3				\$			
	4				\$			
	5				\$			
6399	Technology software—Not capitalized (CIPA Software)					\$960.00		
6399	Supplies and materials associated with advisory council or committee					\$0		
Subtotal supplies and materials requiring specific approval:						\$0		
Remaining 6300—Supplies and materials that do not require specific approval:						\$0		
Grand total:						\$5319.60		

For a list of unallowable costs and costs that do not require specific approval, see the guidance posted on the Division of Grants Administration [Grant Management Resources](#) page.

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By TEA staff person:

Schedule #10—Other Operating Costs (6400)			
County-District Number or Vendor ID: 101-902		Amendment number (for amendments only):	
Expense Item Description			Grant Amount Budgeted
64XX	ESC charges as per approved cost allocation plan, such as internal service fund. To be used by ESC when ESC is the applicant. Check all that apply:		\$0
	<input type="checkbox"/> ESC-owned vehicle usage	<input type="checkbox"/> Other:	
	<input type="checkbox"/> Insurance	<input type="checkbox"/> Other:	
6411	Out-of-state travel for employees (includes registration fees)		\$0
	Specify purpose:		
6412	Travel for students (includes registration fees; does not include field trips): Specific approval required only for nonprofit organizations.		\$0
	Specify purpose:		
6413	Stipends for non-employees (specific approval required only for nonprofit organizations)		\$0
	Specify purpose:		
6419	Travel for non-employees (includes registration fees; does not include field trips): Specific approval required only for nonprofit organizations		\$0
	Specify purpose:		
6411/ 6419	Travel costs for executive directors (6411); superintendents (6411); or board members (6419): Includes registration fees		\$0
	Specify purpose:		
6429	Actual losses that could have been covered by permissible insurance		\$0
6490	Indemnification compensation for loss or damage		\$0
6490	Advisory council/committee travel or other expenses		\$0
6499	Membership dues in civic or community organizations (not allowable for university applicants)		\$0
	Specify name and purpose of organization:		
6499	Publication and printing costs—if reimbursed (specific approval required only for nonprofit organizations)		\$0
	Specify purpose:		
Subtotal other operating costs requiring specific approval:			\$0
Remaining 6400—Other operating costs that do not require specific approval: Insurance for Chrome books			\$5040.00
Grand total:			\$5040.00

In-state travel for employees does not require specific approval. Field trips consistent with grant program guidelines do not require specific approval. See [TEA Guidelines Related to Specific Costs](#) for more information about field trips. For a list of unallowable costs and costs that do not require specific approval, see the guidance posted on the Division of Grants Administration [Grant Management Resources](#) page.

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Schedule #11—Capital Outlay (6600/15XX)

County-District Number or Vendor ID: 101-902

Amendment number (for amendments only):

15XX is only for use by charter schools sponsored by a nonprofit organization.

#	Description/Purpose	Quantity	Unit Cost	Grant Amount Budgeted	
6669/15XX—Library Books and Media (capitalized and controlled by library)					
1		N/A	N/A	\$0	
66XX/15XX—Technology hardware, capitalized					
2			\$0	\$0	
3			\$0	\$0	
4			\$0	\$0	
5			\$0	\$0	
6			\$0	\$0	
7			\$0	\$0	
8			\$0	\$0	
9			\$0	\$0	
10			\$0	\$0	
11			\$0	\$0	
66XX/15XX—Technology software, capitalized					
12			\$0	\$0	
13			\$0	\$0	
14			\$0	\$0	
15			\$0	\$0	
16			\$0	\$0	
17			\$0	\$0	
18			\$0	\$0	
66XX/15XX—Equipment, furniture, or vehicles					
19			\$0	\$0	
20			\$0	\$0	
21			\$0	\$0	
22			\$0	\$0	
23			\$0	\$0	
24			\$0	\$0	
25			\$0	\$0	
26			\$0	\$0	
27			\$0	\$0	
28			\$0	\$0	
66XX/15XX—Capital expenditures for improvements to land, buildings, or equipment that materially increase their value or useful life					
29				\$0	
Grand total:				\$0	

For a list of unallowable costs, as well as guidance related to capital outlay, see the guidance posted on the Division of Grants Administration [Grant Management Resources](#) page.

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Schedule #12—Demographics and Participants to Be Served with Grant Funds

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Part 1: Student Demographics. Enter the data requested for the population to be served by this grant program. If data is not available, enter DNA. Use the comments section to add a description of any data not specifically requested that is important to understanding the population to be served by this grant program.

Total enrollment:			1,747	
Category	Number	Percentage	Category	Percentage
African American	441	25%	Attendance rate	95.7%
Hispanic	1248	72%	Annual dropout rate (Gr 9-12)	0.2%
White	35	2%	TAKS met 2011 standard, all tests (sum of all grades tested; standard accountability indicator)	N/A
Asian	23	1%	TAKS commended 2011 performance, all tests (sum of all grades tested)	N/A
Economically disadvantaged	1503	85.3%	Students taking the ACT and/or SAT	N/A
Limited English proficient (LEP)	574	32.6%	Average SAT score (number value, not a percentage)	N/A
Disciplinary placements	DNA	%	Average ACT score (number value, not a percentage)	N/A

Comments

Part 2: Students to Be Served with Grant Funds. Enter the number of students in each grade, by type of school, projected to be served under the grant program.

School Type	PK (3-4)	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
Public											395	452	449	451	1,747
Open-enrollment charter school															
Public institution															
Private nonprofit															
Private for-profit															
TOTAL:															

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Schedule #13—Needs Assessment

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Part 1: Process Description. A needs assessment is a systematic process for identifying and prioritizing needs, with "need" defined as the difference between current achievement and desired or required accomplishment. Describe your needs assessment process, including a description of how needs are prioritized. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Aldine ISD uses data from district and state assessments, the needs of our economically disadvantaged students and district academic goals to implement programs and changes that will improve their academic performance through a network of support.

The District Coordinator of Online Learning established a program that implemented an inexpensive WiFi enabled device to begin to fill the technology-needs void. All supplemental online courseware was tested on these devices until one provided all the necessary requirements to successfully run all courseware. Using funds from the Aldine Education Foundation, several classroom sets of Android tablets and Chrome books were ordered over a 2 year period following an extensive pilot program. By giving the classroom sets of these devices, all of the selected science teachers' students would have device access during the school day. Teachers who implemented this program were chosen by the campus Principal, Technology Specialist, District Program Director for Science, and the District Coordinator of Online Learning. In year one and two, these teachers were required to attend a minimum of 24 hours of professional development on navigation, troubleshooting, and implementation of the learning management system and supplemental online courseware adopted by the district for their science curriculum. These teachers built courses within the learning management system, where their students developed expertise in the use of project and inquiry-based learning, acquiring information and building skills while investigating real-world issues and problems online. Course participants were engaged in hands-on activities, discussions, and written reflection around skills such as critical thinking, project based learning, assessment, using a real-world context, and integrating technology. The program has continued to be so successful that Aldine was able to extend the program to 9 teachers per campus and incorporate tablets and Chrome books in the existing check out program for the 2013-2014 school year through The Aldine Education Foundation. However, the lack of funding within Aldine's local budget has prevented further development of this successful program related to providing internet accessible devices at home for the students. This lack of funding has prevented a large number of students from benefiting from the exposure to online courseware and learning with integrated technology outside of the classroom.

Upon notice of grant award, Aldine will expand the existing laptop check out program by adding 24 14" HP Chrome books with unlimited internet connectivity to each of the 5 participating campuses. Science teachers, program directors, the technology services department and the online learning department have tested the chrome books to ensure that they are a good fit for the goals of the program and have the required specifications to incorporate all online science supplementary materials. Aldine will be providing the internet service through a provider for the 2 years of the grant and will diligently seek to sustain and expand the technology lending program within Aldine beyond the 2 year grant. According to the Pew Research Center only 45% of those with annual household incomes under \$30,000 have broadband at home. Aldine ISD has implemented the Comcast Internet Essentials Program where students who are on free and reduced lunch, approximately 84% of students, may obtain internet access for \$9.95 per month which has helped reduce the number of students who do not have internet access at home. According to independent surveys taken on the participating high school campuses, the above statistic is accurate; however, due to a wide variety of public wireless internet access points across the district, the Aldine student has many alternative ways to access the internet.

Because the participating high schools serve a population that is consistent with the district averages, the students that will be served by this Chrome book lending program are 84% economically disadvantaged and come with tremendous needs related to poverty. Aldine ISD has delivered online courses to its students since participating in TEA's VSP in 2000. Students who have broadband/Wi-Fi access will have the ability to check out wi-fi capable devices supplied by the previous technology lending grant.

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Schedule #13—Needs Assessment (cont.)

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Part 2: Alignment with Grant Goals and Objectives. List your top five needs, in rank order of assigned priority. Describe how those needs would be effectively addressed by implementation of this grant program. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Identified Need	How Implemented Grant Program Would Address
1.	EOC test scoring standards increasing to Level II standards for the 2014-2015 school year creates an instructional need for a variety of methods of delivering instruction to ensure students not only pass the exam with the new, higher, passing rate, but are college ready.	Would allow students access to online content outside of the brick and mortar school, allowing for flexibility in extension and intervention lessons with the teacher and material taught in the classroom.
2.	Method of accessing supplemental science resources and science curriculum outside of the traditional method.	This program would afford students an opportunity to experience learning in an online environment, and allow them to utilize the supplemental science resources outside of the traditional classroom.
3.	Increase the number and percent of teachers on participating campuses who leverage electronic instructional materials with students.	This program allows teachers to explore and share an online world of resources with the students that can be experienced outside of the regular school day. The district's learning management system is an important tool in combining the student's access to all online resources.
4.	Increase the number and percent of eligible economically disadvantaged students with internet accessibility outside of the classroom.	With these devices, the number of students who have access to online content in their homes would increase, and provide an enriching learning environment outside of the traditional classroom. Teachers will experience more flexibility related to reteach/reassess intervention strategies with the overall goal of increasing test scores.
5.	Increase the number and percent of students participating in blended, or "flipped" classroom instructional models.	With this lending program, students who were previously lacked internet or wi-fi access, would gain the ability to participate in a blended or flipped classroom environment. This will broaden their educational experience and encourage critical thinking in a technologically diverse learning setting.

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Schedule #14—Management Plan

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Part 1: Staff Qualifications. List the titles of the primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program, along with desired qualifications, experience, and any requested certifications. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Title	Desired Qualifications, Experience, Certifications
1.	District Coordinator of Online Learning	The District Coordinator of Online Learning has 8 years experience in online educational initiatives and will be the grant manager. The grant manager will manage the Technology Lending Project goals by providing evidence of effective instruction that results in student achievement.
2.	Coordinator of Online Learning: Online Programs	The Coordinator of Online Learning: Online Programs has 10 years experience in online educational initiatives and will be responsible for progress monitoring, data collection and grant reporting.
3.	Coordinator of Online Learning: Online Curriculum	The Coordinator of Online Learning: Online Curriculum has 16 years experience and will be responsible for providing, coordinating, and facilitating all professional staff development on all high school campuses. This will include organizing e-learning and discussion groups through the LMS, developing and coordinating instructional content, coordinating and supporting study groups for participating teachers and assisting the instructional technology specialists with integrating the devices onto the campus.

Part 2: Milestones and Timeline. Summarize the major objectives of the planned project, along with defined milestones and projected timelines. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Objective	Milestone	Begin Activity	End Activity
1.	Order hardware	1. Order 120 HP Chrome books	10/01/2014	10/5/2014
		2. Contract with T-Mobile for 2 years internet access	10/01/2014	10/5/2014
		3. Order insurance for 120 Chrome books	10/01/2014	10/5/2014
2.	Distribute Chrome books to participating campuses	1. Deliver Chrome books to campus libraries	11/4/2014	11/17/2014
		2. Provide internet access surveys to students for distribution purposes	11/4/2014	11/17/2014
		3. Begin checking out Chrome books	11/4/2014	11/17/2014
3.	Provide Professional Development	1. Conduct implementation meetings with principals, librarians, and participating teachers	9/4/2014	8/31/2015
		2. Provide ongoing teacher professional development and support	9/4/2014	8/31/2016
		3. Provide librarians Chrome book navigation training	11/4/2014	11/17/2014
4.	Evaluate Lending Program (Year1)	1. Establish data collection methods	9/4/2014	9/21/2014
		2. Monitor student performance utilizing progress reports	10/28/2014	5/31/2016
		3. Perform data analysis to determine effectiveness of Lending Program	10/10/2014	3/31/2015
		4. Teacher/student attitudinal survey	10/15/2014	5/31/2015
5.	Evaluate Lending Program (Year2)	1. Evaluate Year 1 Lending Program Effectiveness	9/30/2015	3/31/2016
		2. Establish data collection methods	9/30/2015	4/1/2016
		3. Monitor student performance utilizing progress reports	9/30/2015	4/1/2016
		4. Perform data analysis to determine effectiveness of Lending Program	9/30/2015	8/31/2016
		5. Teacher/student attitudinal survey	4/1/2016	8/31/2016

Grant funds will be used to pay only for activities occurring between the beginning and ending dates of the grant, as specified on the Notice of Grant Award.

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Schedule #14—Management Plan (cont.)

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Part 3: Feedback and Continuous Improvement. Describe the process and procedures your organization currently has in place for monitoring the attainment of goals and objectives. Include a description of how the plan for attaining goals and objectives is adjusted when necessary and how changes are communicated to administrative staff, teachers, students, parents, and members of the community. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Management of grant activities will be monitored by the District Coordinator of Online Learning and the Coordinators of Online Learning on a daily basis to ensure its successful and timely implementation and operation. The Secondary Science Program Director and campus Instructional Technology Specialist will ensure that equipment has been delivered and installed and will be responsible for meeting the needs of the teachers through weekly Professional Learning Communities. Existing staff development opportunities Monday-Thursday of each week will address the needs of all teachers and support staff impacted by the program. The IT Support team will be overseen by the Executive Director of Technology who will ensure support of the network and district issued devices. Program coordination and communication will be communicated in a bi-weekly senior staff meeting with the Program Director for Library Services, the Program Director for Secondary Science, Principal's and the Executive Director of Technology Services. The business office will be informed of all financial implications of the grant and will be reminded to file financial reports as required by TEA. The Aldine ISD school board will be given quarterly updates as to the progress being made with regard to the activities described in this proposal. Principals, the District Coordinator of Online Learning, Superintendents, the Chief Financial Officer, and the Executive Director of Technology will be in regular communication regarding the various components of this project and any prospective changes. This essential communication will take place through e-mail, telephone, personal visits, brief surveys and videoconferencing.

Part 4: Sustainability and Commitment. Describe any ongoing, existing efforts that are similar or related to the planned project. How will you coordinate efforts to maximize effectiveness of grant funds? How will you ensure that all project participants remain committed to the project's success? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

This project will build upon an established framework to address the needs of economically disadvantaged, learning disabled, and LEP students by creating online learning opportunities using software and internet enabled hardware in an effort to extend the learning environment. Teachers have been provided with a professional development program and technology resources enabling them to significantly impact the lives of students through blended instruction. Students will be empowered by immersion in technology – rich online curriculum to promote complex understanding, to make informed decisions by analyzing data, to evaluate new data, and to gain the technological fluency to communicate their knowledge.

The Chrome book Lending program will provide parents, teachers, and administrators with previously unavailable access to a process by which students can direct their learning toward academic achievement and ultimate success using web based curriculum. This process will enable the students to extend their online learning opportunities beyond the classroom and into their homes where a new connection can be made with learning technology. Grant funds will be maximally applied toward technology in the hands of the students to assist with bridging the gap between students who have been afforded internet access in the home or local community and those who have not. By ensuring that teachers are actively involved with all online software initiatives offered, and are receiving adequate training in all areas of available educational software, campuses will remain committed to the project's success and the students' achievement. The district's learning management system will be utilized to assess the number of students actively participating in online science course content daily. The weekly internet usage summary from the Internet Service Provider will provide a framework for understanding when the internet is being accessed by the student and to what extent.

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Schedule #15—Project Evaluation

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Part 1: Evaluation Design. List the methods and processes you will use on an ongoing basis to examine the effectiveness of project strategies, including the indicators of program accomplishment that are associated with each. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Evaluation Method/Process	Associated Indicator of Accomplishment	
1.	Usage data	1.	Total number of minutes online calculated in Learning Management System
		2.	Internet usage summary provided by Internet Service Provider
		3.	
2.	Assessment Data	1.	Quiz/test grades
		2.	Homework grades
		3.	Final Exam grades
3.	Attitudinal Surveys	1.	Student attitude toward improving student performance
		2.	Student attitude toward improving one-on-one time with the teacher
		3.	Quick assistance when needed
4.	Professional Development Surveys	1.	Teacher attitude toward professional development needs
		2.	Teacher attitude toward professional development provided
		3.	Quick assistance when needed
5.		1.	
		2.	
		3.	

Part 2: Data Collection and Problem Correction. Describe the processes for collecting data that are included in the evaluation design, including program-level data such as program activities and the number of participants served, and student-level academic data, including achievement results and attendance data. How are problems with project delivery to be identified and corrected throughout the project? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The funded program will be carefully evaluated for its effectiveness in improving student progress in meeting challenging state standards and objectives. Aldine ISD will comply with any reporting and evaluation requirements that are established by TEA.

Data, including purchase orders, invoices, and inventory records, will be collected to show the extent to which the activities of the project were implemented as planned. Rosters, sign-in sheets, agendas, and training evaluations will be used to demonstrate the number of staff participating in the professional development training and the number of hours of professional development each teacher and staff member receives. Invoices provided by the Internet Service Provider will be utilized to determine device usage and learning management system reporting will demonstrate the effectiveness of program implementation strategies.

Qualitative Data will be collected through surveys and questionnaires. The district Coordinator will administer such surveys to determine satisfaction with professional development, use of technology, product and software evaluation, and improvement of communication via CMS implementation. These locally developed surveys will be given to campus principals, online teachers, students, and parents.

Quantitative Data will be collected by the online teacher and supervised by the District Coordinator. Teachers will monitor student attendance and progress by running daily attendance and progress reports for all students and will keep these reports in an online grade book that can be viewed by students as well as parents and campus administrators. The number of credits earned will be reported to the district school board on a quarterly basis as a part of the district scorecard.

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Schedule #16—Responses to Statutory Requirements

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Statutory Requirement 1: Applicant must describe how it will use funds to implement or enhance a technology lending program to loan students the equipment necessary to access and use electronic instructional materials. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Aldine ISD seeks to implement a Chrome book Lending Program which will extend the 2012-2013 Technology Lending Program to science classrooms across 5 high school campuses. Students will have the ability to access the internet at home by checking out Chrome books with internet connectivity from their campus library. The program will continue to create blended, hybrid and flipped learning opportunities that resulted in improved academic achievement during the 2012-2013 school year. This program will also provide alternative instructional delivery methods for students with acute situational learning needs, integrate technology resources with curriculum, enhance parental involvement, and ensure that students cross the digital divide to technology literacy. Additionally, the Technology Lending Program will provide online opportunities for students to participate in web based courses, for teachers to acquire professional development, and for parents to participate in their children's education by having access to the district's learning management system to monitor student progress.

Funds from the Lending Program Grant will be fully integrated with programs already in existence in the Aldine district. The district has invested time and funds to align the educational software and the current Aldine curriculum to the state standards for all online science courses. With funding from the grant, Aldine will enhance the current framework to develop rich curriculum which enhances the growth of independent learners. These learners will be better able to analyze and evaluate data to expand their science knowledge while acquiring technological fluency in which to communicate that knowledge. The district will continue to pay the salaries and stipends of the science teachers and department chairs. Aldine has also provided the technological infrastructure for science classrooms to have internet access across all 5 campuses. Aldine will also continue to support the current software, Content Management System servers and existing mobile devices available to the students which do not offer internet access.

With a 2013-2014 economically disadvantaged student population of 85.3%, Aldine's technology plan includes servicing students in high-poverty and high-needs schools. Aldine ISD has embarked on a series of unique challenges and opportunities to increase the district's ability to achieve critical academic success over the next four years. The existing technology plan gives each district department specific responsibilities to ensure student success at all levels and includes strategically planned key initiatives to improve academic performance, implement financial accountability, maximize learning and instructional time, provide services to support the classroom, and promote college readiness. Under this initiative, the Technology Department has been assigned the challenging task of increasing technology access for both teachers and students across the district. Aldine ISD uses the Texas STaR Chart as a means of measuring the level of technology in the district and as the foundation for the Technology Plan. Students attending schools identified under Section 1116 are also affected by the district-wide focus of improving technology access to all students and teachers. Aldine continues to seek alternative funding sources to assist in attaining the goals and objectives identified in the 2008-2011 Technology Plan.

Some of these goals include: **Goal 1:** To improve and support teaching and learning through the use of technology; **Objective 1.2.4** The district will provide students and teachers with appropriate subscription-based websites and databases; **Objective 1.2.5** The district will ensure that students are observing the district Acceptable Use Policy, practicing online safety, and abiding by copyright laws; **Objective 1.2.6** The district will provide resources for student digital portfolios; **Goal 4:** To improve infrastructure for technology; **Objective 4.1** To promise the integration of technology in instruction by providing connectivity; and **Objective 4.2.1** The district will provide network capable workstations to students in a ratio of 1:2. These goals and objectives reflect the district's commitment to providing students and teachers with increased access to educational technology.

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Schedule #16—Responses to Statutory Requirements

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

Statutory Requirement 2: If the applicant has already purchased, or is also purchasing, lending equipment through other funding sources such as the Instructional Materials Allotment, the applicant must describe how equipment from all funding sources will be used in a cohesive manner to support efforts to ensure students have dedicated access to a technology device. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The district has implemented an instructional pilot program on each high school campus throughout the 2011-2012 school year, and continued that implementation with the addition of Chrome books and Android tablets in the 2012-2013 and 2013-2014 school year. The Aldine Education Foundation has funded the classroom based initiatives and through the Technology Lending Program, Aldine seeks to continuously build upon the established framework of the pilot program and previous Lending Grant program to better serve the needs of the economically disadvantaged learner in a technology driven world. Students will continue to receive advanced online teaching methods with highly trained educators who are seeking to demonstrate the program success through their own online initiatives and technological creativity. The strenuous regimen of professional development combined with access to Chrome books with internet connectivity, will better accommodate students who would not otherwise have internet access while equipping teachers with the fundamental tools to facilitate student success.

The Technology Lending Grant will cohesively serve to expand the existing initiative by providing 120 Chrome books for 5 high school campuses and extending student learning by adding Chrome books with internet service to our existing mobile device checkout program. This extension will ensure that all students have equitable access to internet capable devices that are solely dedicated to his/her use at home.

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Schedule #17—Responses to TEA Program Requirements

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

TEA Program Requirement 1: Applicant must describe how the lending program aligns with existing mission and goals of the public school district or open-enrollment charter school. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Aldine's mission statement is that we exist to prepare each student academically and socially to be a critical thinker, problem solver and responsible and productive citizen. The lending program will assist in the preparation of both educators and students by encouraging dynamic thought processes that lead to responsible learning practices and productivity in an online learning environment. The program is intended to address the fundamental needs of high school science students, grades 9-12. 120 Chrome books will be spread across 5 high school campuses to serve the purposes of the technology lending program. These classrooms will use the online supplemental science resources purchased by the district. The science teachers are expected to use creative teaching strategies to address the needs of each individual learner. These creative teaching strategies, online resources, and district purchased software programs will be the focus of mandatory trainings held by the Online Learning Department for the high school science teachers throughout the school year.

The HP Chrome books will be a part of a lending program on each high school campus to assist with student access to digital technology during direct instruction with the above mentioned highly trained teachers. Digital content will be used throughout the timeframe of this grant and expected to extend beyond that time for the purpose of continuously providing student access to online learning resources, both inside and outside of the classroom learning environment. Aldine ISD high schools have a wide range of science courses that the students participating in the project will be enrolled in.

Learning management system courses have been created to include Biology, Chemistry, Integrated Physics and Chemistry (IPC), Astronomy, Physics, and Environmental Systems. Each science subject area has also received district appointed online resources that will accommodate the needs of all learners. These resources include, but are not limited to, online software from Holt, Explorer Learning, Sapling, and McGraw Hill.

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Schedule #17—Responses to TEA Program Requirements

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

TEA Program Requirement 2: Applicant must describe how it will prioritize campuses with the highest need for a technology lending program. Applicant must also describe how it will ensure access to lending equipment and residential access to the Internet among students who have the greatest need. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Aldine ISD's population of students is primarily composed of economically disadvantaged students (85.3%) who would greatly benefit from having access to a technology lending program with internet accessible devices. Many of these students must presently be given pencil and paper assignments to accommodate homes that are not equipped with computer access where students are unable to successfully complete required online technology-based assignments.

Because the number of economically disadvantaged students is similarly proportioned across the district, the program will be implemented on 5 of Aldine ISD's high school campuses: MacArthur, Hall, Nimitz, Aldine, and Eisenhower. This will allow each science student equitable and fair access to experience the overall benefits of this program.

Aldine ISD seeks to create a model science department program that is both progressive and innovative through technology and online teaching initiatives. As a direct result of inclusion, Aldine ISD is proud to say that, as a district, we have a statewide reputation for including students with disabilities into the general education classroom, while maintaining the support for the individual needs of the students. Students who are also enrolled in Gaining Appropriate Performance (GAP) Units, due to the need for a highly structured behavior management system, will also have access to the Chrome books provided by the Technology Lending Program Grant through their individual science teachers.

This inclusion method will ensure that special education, behaviorally challenged, and disabled students receive equitable access to all lending equipment as well as residential access to the Internet. All students will have access to, and benefit from, all of the technological advantages of this program. The Chrome books flexibility will allow for visually impaired students to adjust visuals as necessary.

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By TEA staff person:

Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

TEA Program Requirement 3: Applicant must describe how the lending program aligns with current curriculum, instruction, and classroom management policies and/or practices on its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

In addition to having access to courses that are currently implementing the Texas Essential Knowledge and Skills for Technology Applications in high school, these students will all be enrolled in a science course that will use online supplemental science resources purchased when the 82nd Legislature passed Senate Bill 6. These online resources will be used in conjunction with web 2.0 tools and the district's Learning Management System to support the creation of innovative online learning courses. The lending program will allow students to access diverse and rigorous science based online course content within the classroom. This accessibility will create a new and exciting platform for learning that allows the student to both extend and expand upon what has been available to them given the time constraints of traditional learning models.

Professional Development opportunities give teachers an in depth review of the district's acceptable use policy, Child Internet Protection Act requirements (CIPA), INACOL recommendations for course creation, Cyber-bullying resources and provide guidelines and resources for teaching netiquette within the online student community. Aldine ISD has invested in a new Learning Management System that will be an ideal way to deliver online course content that can meet the needs of each learner and teachers who desire to create a flipped or blended learning experience for their students. The Technology Lending Grant Program will allow teachers who have students who do not have internet access at home, to address the needs of those students while maintaining a truly blended classroom model that requires the student to have internet access at home.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

TEA Program Requirement 4: Applicant must describe how it is using electronic instructional materials in one or more foundation curriculum subject area(s) for one or more grade level(s). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The program is intended to address the fundamental needs of high school science students, grades 9-12. 120 Chrome books will be sent to 5 high school campuses to serve the purposes of the technology lending project. These classrooms will use the online supplemental science resources purchased by the district. The science teachers are expected to use creative teaching strategies to address the needs of each individual learner. These creative teaching strategies, online resources, and district purchased software programs will be the focus of mandatory trainings held by the Online Learning Department for the high school science teachers throughout the school year.

The internet accessible Chrome books provided by the technology lending grant will be a part of a lending program on each high school campus to extend the students access to digital technology beyond direction instruction with the above mentioned highly trained teachers. Digital content will be used throughout the timeframe of this grant and expected to extend beyond that time for the purpose of continuously providing student access to online learning resources both inside and outside of the classroom learning environment. Aldine ISD high schools have a wide range of science courses that the students participating in the project will be enrolled in.

Learning Management System courses have been created to include Biology, Chemistry, Integrated Physics and Chemistry (IPC), Astronomy, Physics, and Environmental Systems. Each science subject area has also received district appointed online resources that will accommodate the needs of all learners. These resources include, but are not limited to, online software from Holt, Explorer Learning, Sapling, and McGraw-Hill. The district also has purchased high school science content in Plato Learning Environment and Edgenuity.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 101-902

Amendment # (for amendments only):

TEA Program Requirement 5: Applicant must describe professional development for teachers in the use of electronic instructional material that has already occurred or will occur within the first three months of the grant period (i.e., October 1, 2014-December 31, 2014) to be prepared for the grant implementation. Note: Any professional development that is provided within the grant period must be provided with non-grant funds. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Professional development has been an ongoing process throughout the school year for all science teachers who were chosen by the campus principal, technology specialist, District Program Director for Science, and the District Coordinator of Online Learning. These teachers were expected to fulfill the training requirements of the pilot program by attending at least 24 hours of professional development on mobile device integration, navigation, and troubleshooting, developing a diverse online course within Aldine's learning management system and integrating adopted online course materials.

Strategic technology integration trainings have been held both collectively and individually for teachers, department chairs, and administrators throughout the science department on each high school campus. Teachers have also received additional online resource training and have attended a mobile device training boot camp over the course of three days to ensure that they are familiar with the program procedures, the device operations, classroom management, CIPA compliance strategies, integration with Google Apps for Education, and the online resources available to students. This boot camp is a strategic approach to educating the teachers that will have direct influence on the success of the program. All of the above training initiatives occurred with the teachers who "piloted" the program throughout the 2011-2012 school year, continued with program implementation throughout the 2012-2014 school years and will continue to occur in specific response to the goals of the technology lending program 2014-2016.

Each science teacher who has previously participated in the technology lending initiative has received a tablet and/or Chrome book to further facilitate Learning Management System course design, purchased software integration, and to establish comfort in navigating the device before implementing its use with the students. The goal of the technology lending program will be strategically implemented using data analysis tools that will validate its benefits throughout the learning community.

TEA Program Requirement 6: Applicant must describe how infrastructure is adequate to support students' anticipated use of devices provided through the grant at its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Aldine is presently increasing the district's internet bandwidth to 3Gbps in July. Only two high school campuses are completely WiFi accessible and each participating campus is equipped with WiFi access points throughout the building. In addition to technology literate teachers and 24 hours of mandatory mobile device training, each high school campus employs an Information Technology Specialist who is available during school hours to facilitate any technical support required to successfully meet the program goals.

Aldine ISD's Online Learning Department has been working diligently since 2006 to create an online learning environment that can accommodate the advanced needs of a new technology driven generation. Through years of research and the development of numerous online courses, staff developments, and online meetings, Online Learning in Aldine has become a successful hub for online learning throughout the community. Students are thriving from the use of Aldine's online learning initiatives and have been successfully earning online credits through instructor created, state-standard aligned courses in the Aldine's learning management system.

Technical support will be provided by the district technology specialist, followed by the technology specialist on the high school campus, and lastly by the insurance company responsible for servicing the devices. Each science teacher will receive a minimum of 24 hours of professional development which will include an important module on mobile device navigation, troubleshooting, and integration. In addition to those trainings, the teacher will receive direct instruction on the integration of the Learning Management System with the Chrome book. More specifically, this direct instruction will demonstrate and provide solutions for how the online courses will appear and interact on the Chrome books. This will help the teachers to provide essential guidance to the students who will be participating in the project and utilizing the tablets for classwork and homework.

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County-district number or vendor ID: 101-902

Amendment # (for amendments only):

TEA Program Requirement 7: Applicant must describe a plan for providing Internet access to the homes of students as needed. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Presently there are only two Aldine campuses that are completely WiFi accessible. Each high school campus is equipped with WiFi access points in the participating science classrooms and labs to ensure the success of the technology lending program. In addition to Aldine WiFi access points on each high school campus, there are numerous WiFi hotspots available in fast food restaurants, coffee shops, and the Houston Public Library system throughout the communities that we serve. The technology lending program 2012-2013 has provided wi-fi enabled devices for student checkout, but there are no internet service enabled devices available for student checkout. As a result, the technology lending program will provide 25% of the student users with direct internet access by purchasing devices with internet capability, with a monthly plan for 2 consecutive school years.

To further explain, Aldine will provide internet accessible devices to the students who do not presently have internet access, cannot take advantage of the Comcast Internet Essentials Program, and are not near an open access WiFi location. Research, in addition to independent classroom surveys, has established that approximately 45% of Aldine's student population has access to the Internet in their homes. Additionally, Comcast is offering a federally funded program, the Comcast Internet Essentials Program, to provide affordable internet access to all students who do not have internet access at home.

Given the wide variety of public wireless internet access points across the district, in addition to the aforementioned opportunities, many Aldine students have alternatives to access his/her online assignments.

TEA Program Requirement 8: Applicant must describe how technical support is adequate to support students' anticipated use of devices provided through the grant at its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

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Amendment # (for amendments only):

TEA Program Requirement 9: Applicant must describe how the grant will be administered on participating campus(es), including a description of how the check-out and check-in process will operate, who will be in charge of the check-out process, especially in cases of competing need, and the process that will be used to maintain the technology lending equipment in proper working condition. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Aldine will expand the existing laptop checkout program and pilot tablet program by adding 120 HP Chrome book devices across the 5 participating campuses. The existing checkout program consists of labeling each device with an Aldine bar code, and then each device is scanned and inventoried electronically by each campus librarian. All devices are locked and stored in charging stations in each campus library. The Chrome book will be checked out using the existing HORIZON system at each campus. The student must have a signed Aldine Technology Lending form on file prior to check out. Our current laptop lending program has been implemented through the campus libraries since 2008.

Science teachers on each of the participating campuses will be checking out the lending tablets to all of their students who are in need based on student surveys. All identified students who are enrolled in a science course at the participating high schools and lack internet access will be a part of a case study group where Aldine would like to determine if there is any correlation of academic achievement between students who have internet access during school and at home, and those students who are accessing the identical curriculum in the traditional brick and mortar way. The teachers will then survey this group of students to determine: Which students do not have internet at home, which students do not live near a safe, public or private WiFi hotspot, and which students who are able to access the internet near their home if they had an internet capable device. These students will be allowed to check out the mobile devices according to their need on a first come, first serve basis for two week periods.

Aldine recently received an award from Comcast for having the most participation in their Comcast Internet Essentials Program compared to other districts in the state. According to independent surveys taken on the participating high school campuses, the above statistic is accurate; however, due to a wide variety of public wireless internet access points across the district, the Aldine student has many alternative ways to access the internet. Therefore, having an internet capable device, rather than hotspots, is sufficient to meet the needs of the students.

The Chrome books will be added to the current checkout program, which is set up on two week intervals. As with our current laptop lending program, the student and parent/guardian will complete the Aldine ISD Lending form, which will remain on file with the librarians. The 24 Chrome books will be checked out to students who do not have access to a computer in the home. This group of students will be compared to other students on that campus whose course was not delivered online.

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Amendment # (for amendments only):

TEA Program Requirement 10: Applicant must describe how it will account for the technology lending equipment according to local policy, including providing insurance if appropriate. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Throughout the course of our experiences with online learning and the devices that accompany its integration, Aldine has realized that accidental damage is the most common cause of loss to mobile devices. As a district, we recognize the need to protect the grant investments that will contribute to the device lending program. The comprehensive insurance policy purchased for each individual unit will cover all accidental damage. It is imperative that these investments in the future of our students are protected and equipped with adequate insurance to guarantee an equitable return, should an unfortunate circumstance arise within a 24-month period.

Consequently, each Chrome book will be equipped with an extensive warranty/insurance policy which covers any accidental damage or malfunction of the purchased Chrome books. In addition, the Chrome books will receive individual barcodes to be checked in and out with the campus librarian or bookkeeper after all of the proper documentation has been received, including parent responsibility acknowledgement. This is a familiar process to all school and district personnel.

Each campus will also maintain an inventory list within the currently used library HORIZON database to ensure that all Chrome books are consistently accounted for. Continuing to follow the existing book and technology checkout will ensure that devices can be accounted for at all times. This system holds students educationally accountable and parents financially responsible for the equipment that they are choosing to integrate within their homes.

TEA Program Requirement 11: Applicants must describe the development and implementation of a *Technology Lending Agreement* to be signed by parents or guardians of the students and by the student. The agreement must address responsible use and care of the equipment, responsible use of the district's digital resources, and responsible use of the Internet. The agreement may incorporate an existing *Responsible Use Policy* by reference. The Technology Lending Agreement must verify that students receiving Internet access at home have a demonstrated grade level mastery of the Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills (TEKS). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

HP 14" Chrome books will be distributed during the Fall of 2014. Aldine ISD has developed a "Student Registration and Chrome book Navigation Guide" as well as a district technology lending policy. The aforementioned guide and student pledge indicate responsible use guidelines as dictated by Aldine's Responsible Use Policy, digital citizenship, and financial responsibility related to loss or neglect of the device. Parents and Students must sign and return the HP Chrome book Protection plan and Student Pledge documents before the tablet can be issued to their child. Aldine ISD will provide the Chrome book warranty/insurance process to all campus based stakeholders to assist with addressing any device concerns. Chrome books will be collected at the end of each school year for maintenance, inventory and cleaning.

Policies and procedures have been developed with the Internet Service Provider for repairing and replacing Chrome books. Aldine ISD is committed to perpetuating this program after the life of the grant and will seek other means of financial support.

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